

FORM PTO-1449		Atty. Docket No.: P32.12-0022	Appl. No.: 10/790,627
<p style="text-align: center;">LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p> <p style="text-align: right;">D I P E U S P T O P A T E N T E D O C T 1 6 2 0 0 4 S E P 1 0 2 0 0 4 P A T E N T E D U S P T O</p>		First Named Inventor:	
		Brad N. Mathiowetz et al.	
		Filing Date	Group Art:
		March 1, 2004	2838

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
/T.C./ AA	4,337,516	06/29/82	Murphy et al.	364	551	06/26/80
	AB	4,630,265	Sexton	370	86	09/26/84
	AC	4,635,214	Kasai et al.	364	551	06/29/84
	AD	4,707,796	Calabro et al.	364	552	08/13/86
	AE	4,954,923	Hoeflich et al.	361	111	08/19/88
	AF	4,964,125	Kim	371	15.1	08/19/88
	AG	4,988,990	Warrior	340	25.5	12/26/89
	AH	5,005,142	Lipchak et al.	364	550	07/24/89
	AI	5,103,409	Shimizu et al.	364	556	01/03/90
	AJ	5,113,303	Herres	361	45	03/29/90
	AK	5,148,378	Shibayama et al.	364	571.07	11/19/90
	AL	5,150,289	Badavas	364	154	07/30/90
	AM	5,197,328	Fitzgerald	73	168	01/09/92
V	AN	5,434,774	Seberger	364	172	03/02/94
V	AO	5,442,639	Crowder et al.	371	20.1	10/12/93

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
/T.C./ AP	WO/96/12993	05/02/96	WIPO				x
	AQ	WO/97/21157	06/12/97	WIPO			x
	AR	WO/98/39718	09/11/98	WIPO			x
V	AS	WO/00/41050	07/13/00	WIPO			x
V	AT	WO/02/027418	04/04/02	WIPO			x

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/T.C./ AU	5,469,156	11/21/95	Kogure	340	870.38	05/01/92
	AV	5,481,200	Voegele et al.	324	718	09/15/93
	AW	5,570,300	Henry et al.	364	551.01	03/20/95
	AX	5,573,032	Lenz et al.	137	486	06/07/95
	AY	5,598,521	Kilgore et al.	395	326	04/24/95
	AZ	5,623,605	Keshav et al.	395	200.17	08/29/94
	BA	5,665,899	Willcox	73	1.63	02/23/96
	BB	5,742,845	Wagner	395	831	06/22/95
	BC	5,764,891	Warrior	395	200.2	02/15/96
↓	BD	5,828,567	Eryurek et al.	364	184	11/07/96
↓	BE	5,838,187	Embree	327	512	02/10/97

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
/T.C./	BF	EP 1022626 A2	07/26/00	EPO			x
	BG	DE 1993 0660 A1	01/11/01	Germany			x
	BH	DE 29917651	12/14/00	Germany			x
	BI	GB 2,347,232	08/30/00	UK			
	BJ	WO 00/55700	9/21/00	WIPO			
↓	BK	2753592 JP	01/18/90	Japan			

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IT.C./ BL	5,923,557	07/13/99	Eidson	364	471.03	08/01/97
	BM	5,940,290	Dixon	364	138	09/12/96
	BN	5,956,663	Eryurek	702	183	03/26/98
	BO	5,960,214	Sharpe, Jr. et al.	395	835	12/04/96
	BP	5,970,430	Burns et al.	702	122	09/03/97
	BQ	5,980,078	Krivoshein et al.	364	131	02/14/97
	BR	6,017,143	Eryurek et al.	364	148.06	03/28/96
	BS	6,023,399	Kogure	364	23	09/22/97
	BT	6,026,352	Burns et al.	702	182	10/07/98
	BU	6,047,222	Burns et al.	700	79	
	BV	6,052,655	Kobayashi et al.	702	184	03/17/98
	BW	6,091,968	Koohgoli et al.	455	557	07/12/97
	BX	6,094,600	Sharpe, Jr. et al.	700	19	02/06/96
	BY	6,111,738	McGoogan	361	91.5	05/22/98
	BZ	6,119,047	Eryurek et al.	700	28	11/10/97
	CA	6,179,964	Begemann et al.	162	198	09/02/97
	CB	6,192,281	Brown et al.	700	2	
	CC	6,211,623	Wilhelm et al.	315	224	01/05/99
	CD	6,236,334	Tapperson et al.	340	825.37	05/28/97
	CE	6,263,487	Stripf et al.	717	1	
	CF	6,270,920	Nakanishi et al.	429	163	03/19/99
CG	6,298,377	10/02/01	Hartkainen et al.	709	223	09/04/98

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## U.S. PATENT DOCUMENTS

T.C./	CH	Patent Number	Issue Date	Assignee	340	501	Priority Date
	CI	6,356,191	03/12/02	Kirkpatrick et al.	340	501	06/17/99
	CJ	6,307,483	10/23/01	Westfield et al.	340	870.11	04/07/99
	CK	6,324,607	11/27/01	Korowitz et al.	710	102	11/19/99
	CL	6,370,448	04/09/02	Eryurek	700	282	10/12/98
	CM	6,377,859	04/23/02	Brown et al.	700	79	
	CN	6,397,114	05/28/02	Eryurek et al.	700	51	05/03/99
	CO	6,434,504	08/13/02	Eryurek et al.	702	130	08/06/99
	CP	6,444,350	09/03/02	Toya et al.	429	90	03/09/00
	CQ	6,449,574	09/10/02	Eryurek et al.	702	99	07/14/00
	CR	6,473,710	10/29/02	Eryurek	702	133	06/29/00
	CS	6,505,517	01/14/03	Eryurek et al.	73	861.08	07/23/99
	CT	6,519,546	02/11/03	Eryurek et al.	702	130	10/19/98
	CU	6,532,392	03/11/03	Eryurek et al.	700	54	07/28/00
	CV	6,539,267	03/25/03	Eryurek et al.	700	51	05/04/00
	CW	6,594,603	07/15/03	Eryurek et al.	702	104	09/30/99
	CX	6,601,005	07/29/03	Eryurek et al.	702	104	06/25/99
	CY	6,611,775	08/26/03	Coursolle et al.	702	65	05/23/00
	CZ	6,615,149	09/02/03	Wehrs	702	76	05/23/00
	DA	6,629,059	09/30/03	Borgeson et al.	702	183	03/12/02
	DB	6,654,697	11/25/03	Eryurek et al.	702	47	08/27/99
V	DC	2001/0053065	12/20/01	Cudini et al.	361	728	02/20/01
		2003/0033040 A1	02/13/03	Billings	700	97	05/29/02

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/T.C./ DD	09/384,876	08/27/99	Eryurek et al.			
	DE 09/409,098	09/30/99	Eryurek et al.			
	DF 09/799,824	03/05/01	Rome et al.			
	DG 09/852,102	05/09/01	Eryurek et al.			
	DH 09/855,179	05/14/01	Eryurek et al.			
	DI 10/790,627	03/06/03	Mathiowetz			
	DJ 10/438,386	03/01/04	Mathiowetz et al.			
	DK 10/440,047	05/16/03	Kantzes et al.			
	DL 10/426,894	04/30/03	Duren et al.			
	DM 10/438,401	5/16/03	Opheim et al.			
	DN 10/440,434	05/16/03	DelaCruz et al.			
	DO 10/435,819	5/12/03	Kantzes et al.			
	DP 10/440,048	05/16/03	Duren et al.			
	DQ 10/440,444	05/16/03	Mathiowetz et al.			
	DR 10/439,660	05/16/03	Mathiowetz et al.			
	DS 10/439,764	05/16/03	Mathiowetz			
	DT 10/310,703	12/05/02	Zielinski et al.			
	DU 10/440,041	05/16/03	Mathiowetz et al.			
V DV	10/440,441	5/16/03	Mathiowetz et al.			

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/T.C./ DW	2002/0077711 A1	06/20/02	Nixon et al.			
↓	DX	2002/0065631 A1	05/30/02	Loechner		
↓	DY	2003/0023795 A1	01/30/03	Packwood et al.		
↓	DZ	2002/0123864 A1	09/05/02	Eryurek et al.		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/T.C./ EA	"Fluke 179 Multimeter & ToolPak Combo Pack, " <a href="http://www.fluke.com/MULTIMETER/TOOLPAK.ASP?AGID=6&amp;SID=260">http://www.fluke.com/MULTIMETER/TOOLPAK.ASP?AGID=6&amp;SID=260</a> (2 pages). 5/5/03		
↓ EB	"Multifunction PDA Calibrator Transmation Model 3-PMF1," Transmation, <span style="background-color: black; color: black;">[REDACTED]</span> April 2001.		
↓ EC	"AAPA 60 & 90 Series Multimeter," <a href="http://www.appatech.com/a-60new.htm">http://www.appatech.com/a-60new.htm</a> (5 pages).		
↓ ED	"Fieldbus Standard for Use in Industrial Control Systems Part 2: Physical Layer Specification and Service Definition", ISA-S50.02-1992, pp. 1-93. 1992		
↓ EE	Hart Communications, Technical Information, Part 4 Communications, Samson, Frankfurt 1999		

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/T.C./ EF	2002/0004370 A1	01/10/02	Stengele et al.			
	EG	2003/0023408 A1	01/30/03	Wight et al.		
	EH	2003/0158795 A1	08/21/03	Markham et al.		
	EI	5,426,774	07/20/95	Banerjee et al.	395	575
	EJ	5,752,249	05/12/98	Macon, Jr. et al.	707	103
	EK	5,909,368	06/01/99	Nixon et al.	364	131
	EL	5,995,916	11/30/99	Nixon et al.	702	182
	EM	6,195,591	02/27/01	Nixon et al.	700	83
	EN	6,304,934	10/16/01	Pimenta et al.	710	129
	EO	6,487,462	11/26/02	Reeves	700	73
	EP	6,594,621	07/15/03	Meeker	702	185
	EQ	6,697,681	02/24/04	Stoddard et al.	700	17
↓	ER	6,598,828	07/29/03	Fiebick et al.	244	118.1
	ES	6,317,701	11/13/01	Pyotsia et al.	702	188
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/T.G./	ET	"Fieldbus Brings Protocol to Process Control," Santori et al., IEEE Spectrum, Vol. 33, Issue 3, [REDACTED] March 1996, pps. 60-64
	EU	"Computerized Maintenance systems-an Overview of Two Basic Types for Field Devices," Medlin, IEEE Pulp and Paper Industry Technical Conference, [REDACTED] June 21-25, 1999, pps. 230-232
	EV	"Fieldbus in the Process Control Laboratory-its Time has Come," Rehg. et al., ASCE/IEEE Frontiers in Education Conference, Vol. 3, [REDACTED] November 1999, pps. 13B4/12-13B4/17.
	EW	"Generic Device Description for Complex HART Field Devices," Zulkifi et al., IEE 8 <sup>th</sup> International Conference on Communication Systems, Vol. 2, [REDACTED] November 25-28, 2002, pps. 646-650
	EX	"SFC Smart Field Communicator-Model STS103," Honeywell, Specification, [REDACTED] December 1995, pps. 1-4
	EY	"SFC Smart Field Communicator-Models SFC160/SFC260," Yamatake, Specification [REDACTED] April 1999, pps. 1-6
	EZ	"HART Communicator," Fisher-Rosemount, Product Manual, [REDACTED] July 2000, pps. i-iv, ix-x, 1-1 -1-40 - 2-1 - 2-8 - 3-1 - 3-38 - A-1 - A-6 - B-1 - B-6 C-1 - C-4 - D-1 - D-4 and I-1 1-2
	FA	Shoji et al., Fieldbus System Engineering, [REDACTED] 1999, Yokogawa Technical Report
▼	FB	Diedrich et al., Field Device Integration in DCS Engineering Using a Device Model, [REDACTED] 1998, IEEE
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